

HISTORY
COLLEGE OF MEDICINE
1959-1968

Chapter 22

SCHOOL OF ALLIED MEDICAL PROFESSIONS

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Acting Secretary

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I. HISTORICAL INTRODUCTION

Officially, the School of Allied Medical Services began operation as a formal unit of the College of Medicine, July 1, 1966. However, the concept for the school developed in 1958 from discussions between President Fawcett and Dean Meiling in determining what role Ohio State would have in educating professions for the demands of the health care field.

As a result of their interest in establishing an administrative structure to educate administrators, teachers and researchers in allied health fields, an evaluation of program costs was made with consideration given to those programs which already existed in the various colleges of the University; each of these programs related to health care and shared a common pre-professional course of study.

The Medical Illustration program was administered by the School of Art in the College of Education. The Bachelor of Science degrees in Medical Technology and Physical Therapy were administered by the College of Arts and Sciences. The Bachelor of Science in Occupational Therapy was given by the College of Education. The Medical Dietetics division offered the Bachelor of Science degree from the Department of Preventive Medicine in the College of Medicine. In addition, certificate programs for Medical Technology, Nurse Anesthesiology, Orthoptic Technology and Physical Therapy were administered by the College of Medicine and University Hospital.

Because these programs did relate in terms of their goals of health care and service, it was believed that much duplication of teaching and administrative effort could be reduced if a new organization was formed. Related to this would be the reduction of costs involved in duplicating facilities and equipment in several different colleges for the programs.

A major factor, considered in bringing the various programs together under one administrative structure, was to utilize effectively the commonality of their curriculums. Because the pre-professional phase of the programs is a core of basic education in the humanities, social sciences, and natural sciences, the proposed school would allow student flexibility to change from one allied health field to another in the early stages with a minimum loss in time and credit. When the pre-professional phase of education was completed, it was intended that students be considered for admission to the professional educational phase in the school.

Since the field of allied health and allied health education was expanding then, as now, new health care fields would develop, the school would provide a vehicle for structuring future programs and integrating them into the "team concept" to be emphasized by the proposed school.

Linked with change and development in the allied health field is continuing education. The school would provide a mechanism for continuing education programs which are historically the responsibility of the University.

In addition, the proximity of students in these special and related fields during the professional phases of their education would foster learning experiences in the "health team" concept. With exposure to a well-integrated program, placement of students would be mutually beneficial to graduates and the University; the selection and educational process would produce a quality of students from which the University and others would obtain future educational leaders in allied health. The philosophy of the school is that the "team concept" offers the patient the best opportunity for optimal health care because the combined efforts of its members serve individual patient needs.

During the period from 1958 to 1965 these major considerations plus many related details were evaluated so that a successful administrative structure could be launched. Assistant Dean Lloyd Evans coordinated the submission of the proposal for formation of the school.

In 1965, the Council on Academic Affairs approved the proposal for the establishment of a school of allied medical services submitted by Dean Meiling of the College of Medicine. The proposal stated that the existing programs in Physical Therapy, Medical Technology, Medical Illustration, Occupational Therapy, and Medical Dietetics as baccalaureate programs plus certificate programs in Nurse Anesthesia and Orthoptics* be

*The Orthoptic division was discontinued in 1968 as an academic program within the school due to limited student interest.

brought under the single administrative umbrella of the School of Allied Medical Services beginning July 1, 1966.

From the Council on Academic Affairs, the proposal was forwarded to the Faculty Council where it was approved on March 8, 1966. The proposal next was transmitted to the Board of Trustees where it received unanimous approval on April 14, 1966. With approval for the establishment of the School and its proposed degrees, the Board of Regents reaffirmed their stated policy that the Ohio State University be designated:

- 1) a center for graduate and professional education
- 2) as the one center for the education of allied health professionals at the baccalaureate level through the School of Allied Medical Professions for the education of teachers, administrators, and researchers in the allied health fields.

Groundwork for the cooperative interaction of the new divisions in the proposed school began in January, 1966. The program directors who would be coming into the School officially in July, 1966 began meeting on a weekly basis to discuss curriculum, facilities, and continuing education. The group was called the "advisory committee."

Representatives of the divisions and guests attending the first meeting were:

Dr. Robert J. Atwell, Presiding

Dr. Lloyd Evans, Guest

Mr. Bernard Lachner, Guest
Mr. J. R. Bullock - X-Ray Technology
Mr. Fred Shepard - Medical Illustration
Miss Rosemary McConkey - Medical Dietetics
Miss Thelma Lang - Nurse Anesthesia
Miss Barbara Locher - Occupational Therapy
Dr. Colin Macpherson - Medical Technology
Miss Adah Sutton - Medical Technology
Miss Gladys Woods - Physical Therapy

During the months before July, 1966, that the "advisory committee" met, many needs as well as problems relating to the operation of the School were discussed. In response to the many issues related to coordinating the operation of the school, eight committees were established to study the issues and problems and make recommendations to the "advisory committee" of the School. These standing committees were officially established at the beginning of the 1966-1967 school year:

Committee on Academic Affairs
Committee on Faculty Affairs
Committee on Student Affairs
Committee on Public Relations and Recruitment
Committee on Continuing Education
Committee on Curriculum Development
Committee on Graduate Program Development
Committee on Grants and Research

In addition to these standing committees, a "Medical Advisory Committee" was established for each division. The purpose of the committees was to act strictly in an advisory capacity for the division involved in terms of long-range planning. The name "Medical Advisory Committee" was later changed to "Professional Advisory Committee". Membership for the advisory committees included the physician most closely involved with the program, the hospital administrator assigned to the service area in the hospital and other interested persons willing to contribute to the program.

The governing committee of the School to develop and act on official school policy is the Executive Committee. The composition of the committee includes chairmen from each of the professional advisory committees, division directors, the director of the school and his administrative staff.

In an effort to accurately reflect the role in health care education and to educate the public to this role, the Board of Trustees of the Ohio State University approved a request to change the name from the School of Allied Medical Services to the School of Allied Medical Professions. The change was effective February 8, 1968 and was in keeping with the national trend of reference to these programs as allied medical or health related professions.

II. ORGANIZATION; FACILITIES

Robert J. Atwell, M.D. was appointed to develop the organization of the new school in January, 1966; he was named Director of the School of Allied Medical Services in March, 1966. Prior to this appointment, Dr. Atwell was an Associate Professor in the College of Medicine and since 1950 had been Chief of the Medical Service at the Ohio Tuberculosis Hospital. He became Professor of Medicine in 1966.

Dr. Atwell received his A.B. and M.D. degrees from Duke University in 1941 and 1944 respectively. He completed a year's internship 1944-45 at Duke Hospital, Durham, North Carolina and then completed a two-year residency, 1945-47 in medicine at Duke. In addition, he took a year of residency (chest service) at Bellevue Hospital in New York City, 1947-48. In 1948, he received a fellowship and was an instructor in Medicine at Duke University until 1950 when he came to Ohio State.

Dr. Atwell is a member of Phi Beta Kappa and Alpha Omega Alpha and a Fellow in the American College of Physicians.

With the need for coordinating records and procedures for the first entering class of the School of Allied Medical Services, a new assistant was added to the administration of the School in July, 1966.

Miss Burness G. Wenberg was appointed as Assistant-to-Director in the Student Affairs office. Miss Wenberg worked in

this capacity on a half-time basis while maintaining a faculty position as Assistant Professor in the Medical Dietetics division. She received the M.S. degree from The Ohio State University.

In directing the Student Affairs office, Miss Wenberg was responsible for establishing new procedures among the various student service offices, the undergraduate colleges and the College of Medicine.

A year later, July, 1967, Miss Wenberg became Acting Secretary of the School and served in this capacity until November, 1968 when she returned to her teaching duties in the Medical Dietetics division on a full-time basis.

In January, 1967, Mrs. JoAnn Price was appointed Assistant-to-Director in charge of the Student Affairs office; Miss Wenberg then assisted Dr. Atwell in general administration of the School.

The philosophy of the "team concept" in patient health care has been a focal point of activity in the area of curriculum development for all of the divisions in the school. Active review and development of curriculum started with the 1967-68 school year, following a new administration appointment in July, 1967. Dr. Kathryn T. Schoen was appointed as Assistant-to-Director in the area of Curriculum. Dr. Schoen received the M.A. degree from Ohio State University in 1962 and the Ph.D. degree in Speech Education and Curriculum Development

from the College of Education at The Ohio State University in 1965. Dr. Schoen was an Assistant Professor in the Communications division, Department of Speech at Ohio State from 1965 until 1967 when she joined the School of Allied Medical Services.

In February, 1969, Dr. Schoen was appointed Assistant Director of the School of Allied Medical Professions.

On June 15, 1968, Mr. Larry L. Slonaker was appointed Administrative Assistant of the School. The position was established to allow for closer control and supervision of administrative duties involving budgets, reports, grants, and alumni development. Mr. Slonaker received the M.A. degree from The Ohio State University. With Miss Wenberg's resignation from the School, Mr. Slonaker became Acting Secretary effective December 1, 1968.

In October, 1966, three months after the official beginning of the new School of Allied Medical Services, Dr. Atwell was asked to testify at the Senate hearings in Washington, D.C. on the medical manpower shortage issue. As a result of the hearings, Public Law 89-751 of the 89th Congress, known as the "Allied Health Professions Training Act of 1966" was passed. Dr. Atwell was asked to attend the signing of the bill into law by President Johnson at the White House in November, 1966. This law accelerated interest in allied health education and as a direct result, the deans and directors of the 13 schools and colleges of allied health professions met at Ohio State in

March, 1967 to develop a national organization -- The Association of Schools of Allied Health Professions. The Congressional Act supporting allied health education paved the way for schools to obtain Federal support of teaching facilities under the "Allied Health Professions Teaching Facilities Construction Grant" section.

In November, 1966, the committee on Physical Facilities was established within the School to develop a fundamental space and facilities program for the seven existing divisions and for five proposed divisions in the School. The tasks of developing and coordinating the resulting data and preparing a Federal grant application for funds to construct a facility to house the School were compounded by the numerous deadlines set for submitting the application.

As the program progressed and became more complex, the Office of the Dean, College of Medicine, assigned Mr. Jack C. Carmichael as a consultant to work with the Committee. Room by room requirements such as joint-use areas, classrooms, seminar rooms, central administrative and student-faculty support areas, were planned and developed in detail. Also during this time, the decision was made to include and develop the Medical Communications division; a summary of this division will be presented in another section.

The committee's building program, which incorporated twelve teaching divisions was then submitted to the Office of Campus Planning. Following Board of Trustee approval, the

firm of Holroyd and Myers, architects, was officially assigned to the project, February, 1968. The application for construction funds was submitted to the Division of Allied Health Manpower, Bureau of Health Manpower, U. S. Public Health Service prior to the April 22nd deadline. On May 13, a team of site visitors came to the campus to inspect the building site and to discuss details of the project. On June 28, the application was approved for funding at \$1,790,920.00 which was released toward construction of the approximately four million dollar facility.

Of the twelve teaching divisions planned or in operation, seven were eligible for participation under the approved grant. The remaining five which account for approximately twenty-five per cent of the proposed space, are to be funded by the University. However, a Title I Grant Application for Federal assistance under the Higher Education Facilities Act of 1963 for Construction of Academic Facilities was submitted to the Office of Education, Department of Health, Education and Welfare; an award in the amount of \$92,000. was received from this source.

The new facility located on Perry Street, south of the University Hospital and across the street from the new Basic Sciences Building, will permit SAMP enrollment to increase from approximately 268 students to 599 during the two to five years following construction, plus 133 graduate students at the master's level. The building will house twelve allied health programs, and will accommodate 80 full-time faculty

members.

Facilities will include the latest operating room equipment for the Nurse Anesthesia division and the proposed Inhalation Therapy and Circulation Technology divisions. Modern teaching laboratories have been designed for the Medical Dietetics, Medical Technology, and Occupational Therapy divisions, as well as the proposed divisions.

The building will have a total of five classrooms, five seminar rooms, one conference room, and a large lecture hall. Groundbreaking began in the Spring of 1969 and building completion is set for the Summer, 1971.

III. TEACHING PROGRAMS; CURRICULA

The curriculum committee of the School of Allied Medical Professions, chaired by Dr. Schoen, has been active in evaluation of courses taught in the professional phase both within and outside the school, and recommendations for improvements and change have resulted.

Courses which were developed to provide students with the concept of interdisciplinary health care were approved beginning Autumn Quarter, 1968.

Allied Medicine 101 titled "Introduction to the Health Professions" was offered as an orientation or survey course to examine the professions involved in health care. There was a particular emphasis on those professions offered in the School. The course received an enthusiastic response in

numbers of students taking the course and in course evaluation by the students.

Allied Medicine 591, "Interdisciplinary Health Care" also focused on the health care "team concept". In this course, the emphasis included study and evaluation of health trends, social legislation and current issues affecting the professional health care field. The course was available to those students who were already enrolled in the College of Medicine.

The course, Allied Medicine 592, "Interdisciplinary Health Care-Field Study" also required that a student be enrolled in the college. The emphasis in the course was on patient care experiences in a clinical setting with each division participating; again the purpose being to develop the team concept of health care.

Allied Medicine 593 called "Individual Studies" was developed to encourage students to pursue a selected topic of interest under faculty guidance. The course is repeatable so that in-depth study and research by individual students can occur.

The seminar, Allied Medicine 595, is a conference and/or group discussion of selected topics in the health care professions. The conferences bring students from the various professions together at a later stage of their professional education which is also focused on the health team or interdisciplinary concept.

Allied Medicine 550, "Automated Systems in Health Care"

is a new concept in using electronic data processing and computers for the various health professions. The course will be offered for the first time Spring, 1970.

Three new programs in the School of Allied Medical Professions, two baccalaureate and one graduate, have been approved by the Faculty Council for offering Fall, 1969, pending approval by the Board of Trustees.

The baccalaureate program in Medical Communications was developed and has been approved to supply the need for personnel trained in communications who also know the language of the health professions. The curriculum, reflecting an interdisciplinary approach, will educate a specialist capable of (1) understanding, selecting and utilizing communication channels most appropriate in various health settings, (2) serving as a potential teacher in medical communications education, and (3) conducting basic communications research in health areas to evaluate and improve communications processes.

The proposed baccalaureate program in Circulation Technology is aimed at educating personnel who are capable of operating life support systems such as heart-lung, and kidney machines, and medical electronic instruments. This professional will meet an ever-growing need that has accompanied medical advances in heart and lung surgery, cancer chemo-therapy, organ storage and transplantation and renal dialysis.

The new Master of Science program will encompass students from all the divisions. Operating under the philosophy that the School of Allied Medical Professions within the Ohio State University has two major goals, that of educating professional practitioners and that of developing teachers and administrators for these fields; this graduate program will be designed to produce teachers, administrators and researchers in their chosen discipline.

The following are the proposed programs which are in varying stages of development at the baccalaureate level:

Radiologic Technology

Medical Records Administration

Inhalation Therapy

IV. ALUMNI ASSOCIATION

Effective and active alumni are valued as a successful part of the professional-education program of the School of Allied Medical Professions.

The need to develop the organization was seen when the new School began operation and was re-emphasized when the proposed new building was approved and funded in the Summer of 1968.

The new building would offer a setting in which the "team concept" of health care would be projected beyond completion of a course of study in one of the divisions; it meant that continuing education programs involving alumni who

were active professionals could return for new information relating to their professional interests. It meant, also, that they could have an involvement in evaluating the direction the various programs were taking as members of the Professional Advisory Committees established for each division.

In September, 1968, the first organizational meeting of the alumni association for the School of Allied Medical Professions was held in Hamilton Hall. There was an enthusiastic response and a steering committee developed from this group has continued to meet during the 1968-69 school year. The committee has planned events to involve seniors before leaving the School and an annual banquet for the election of alumni officers.

The steering committee produced the first alumni newsletter, "THE SAMPLER", which was distributed in March, 1969 to about 1700 alumni, nationwide. The alumni of all divisions, prior to and after the organization of the School in 1966, are included as a part of the School of Allied Medical Professions family.

V. HISTORIES BY DIVISIONS

A. MEDICAL DIETETICS by

Burness Wenberg, M.S.

In October, 1961 the Kellogg Foundation granted \$267,500. over a six-year period to the Department of Preventive Medicine for the initiation of an experimental undergraduate program in Medical Dietetics. The idea for a coordinated undergraduate program in Medical Dietetics was evolved by its first and current director, Mrs. Martha N. Lewis and actively supported by the department chairman, William F. Ashe, M.D.

The curriculum idea was unique in that for the first time the theory and clinical components of medical dietetic education were presented concurrently to students in a medical setting. The traditional education for dietitians had been a baccalaureate degree with a major in dietetics followed by a twelve-month internship in an institution approved by The American Dietetic Association. The new program was 14 academic quarters in length. Students, who successfully completed the curriculum earned a Bachelor of Science in Medical Dietetics and were eligible for membership in The American Dietetic Association.

The initial challenge to the director was to recruit a faculty, develop the curriculum idea into recognized university courses, select and admit students and initiate the instructional program. A busy year was 1962. Three faculty appointments

were made; approval was granted for the first courses; twelve students of beginning third year standing were admitted.

Policies for admission and enrollment of advanced undergraduate students in a department of the College of Medicine had to be identified and implemented. By winter, 1963, all of the course proposals were approved and additional faculty appointed. The summer of 1963 was the first quarter to have students of both Junior and Senior standing concurrently enrolled in professional Medical Dietetic courses. In May, 1964, approval of the program was granted by The American Dietetic Association. The first class of nine graduated in June, 1964. Through June 1969, the total number of graduates from the division is 64. Ten percent of the graduates have earned or are actively pursuing a graduate degree.

As the curriculum had no precedent, annual review and study was a necessity. During the first year, monthly two-or three-day workshops were conducted for the faculty by a curriculum consultant. The second and third years workshops were held on a bi-monthly basis. At least once each quarter the faculty addressed the question of curriculum review and revision. The basic tenet "coordination of theory and practice" has proceeded gradually. As the faculty more closely identified the needs of the graduate, courses and course content were changed to reflect these needs. Each of the four quarters of both the Junior and Senior years, students are enrolled in at least one course other than the professional sequence. Half of

these courses are electives of their own choice. Clinical facilities utilized to teach the professional courses include University Hospitals, hospitals in Columbus affiliated with the College of Medicine and selected Extended Care Facilities in Columbus. Staff of these clinical facilities actively participate in the planning and implementing of experiences for students. The success of the curriculum is indebted to the close working relationships with the staff of the Department of Dietetics of University Hospitals and the basic science and clinical departments of the College of Medicine.

In July, 1966, the educational program moved from the Department of Preventive Medicine to the newly created School of Allied Medical Services. The name of the latter was changed to School of Allied Medical Professions in February, 1968. The nutrition residency program for graduate students which had been initiated in 1954 by Mrs. Lewis became a joint program between Preventive Medicine and Medical Dietetics as Mrs. Lewis remained Director of the Division of Nutrition in the Department of Preventive Medicine. Enrollment increased from three graduate students in 1961 to the current 1969 enrollment of eleven. Increases in graduate enrollment were due to the initiation of two grant programs. One was at the request of the Kellogg Foundation in 1967 to provide teachers for other colleges and universities who wanted to initiate Medical Dietetic programs. The other was the passing of the Allied Health Professions law in 1966 providing traineeship support for graduate students.

Listing of the graduate students can be found in the Preventive Medicine section as the degrees were conferred by that department.

Research activities of the faculty have been varied both in duration and content. In 1962, Miss Wenberg in cooperation with Ralph W. Ingersoll, then Assistant Director of Orientation and Testing, initiated a long range study of evaluation of students admitted to the program. In 1964, Miss McConkey and Dr. Arnold Epstein of the Department of Surgery conducted a study of nutrition following Vagotomy and Pyloroplasty with particular reference to fat and protein assimilation. Mr. Casbergue worked with the Animal Science Department in development of ham and bacon products which were low in sodium and acceptable on low sodium diets. In 1964, Miss Sharp cooperated with Dr. Robert Ferris, a Dentistry Peridontal resident, in developing a dietary history questionnaire and food diary with evaluative criteria that a practicing dentist could use in his office with his patients. Also in 1964, Mr. Casbergue initiated a long range study in "Computer Applications to Dietetics." Mr. Casbergue's study received financial support from the National Institutes of Health. By 1966, he was developing computer assisted instruction materials for student use. In June, 1966, Mr. Casbergue reported the first publication of the Clearinghouse for Information Related to Computer Applications in Nutrition and Food Service Management.

Miss McConkey participated in surveys conducted by the

International Committee on Nutrition for National Development. In Autumn, 1962, she spent three months in Malaya and during Winter, 1965, three months in Nigeria. During the Summer of 1965, Miss Wenberg with National Institutes of Health General Support Funds initiated a study to identify selected behavioral qualities of dietetic interns enrolled in seven approved internship programs in and around Ohio. In 1966, Miss McConkey with Dr. Ralph Ingersoll as consultant, engaged in a two-year study for the use of video tape in oral examination. Publications from these research activities plus other topics total twenty-eight for the seven members of the faculty who have authored them.

The faculty has assumed a limited responsibility for the continuing education of others. Grants have been obtained to conduct three workshops offered on a nationwide basis:

- 1) Dietary Consultation for Nursing Homes (1967)
for dietitians in Ohio
- 2) Computer Applications to Dietetics (1967)
- 3) Clinical Instruction in Dietetics (1969).

As the undergraduate teaching responsibilities become more stabilized, greater involvement in conducting workshops is anticipated.

The 1968 recipient of the American Dietetic Association's Annual Marjorie Hulsizer Copher Award was the division's Director, Mrs. Martha N. Lewis. The award is given annually to a member who has made an outstanding contribution to the

profession. Mrs. Lewis was cited for initiating new pathways in the educational practices for dietitians. All of these innovations have been in the College of Medicine and University Hospital at the Ohio State University starting with her launching the second program in the United States for a coordinated dietetic internship-graduate program in 1943.

B. MEDICAL ILLUSTRATION
by
W. Frederick Shepard
Assistant Professor Emeritus

The year was 1948 and The Ohio State University was celebrating its Seventy-fifth Anniversary. This same year the Division of Medical Illustration was established and the first student was enrolled in the teaching program. Dr. Charles A. Doan, W. Frederick Shepard and faculty members of the College of Medicine and the School of Fine and Applied Arts had prepared a curriculum for Medical Illustration to be administered by the School of Art, with a combination of disciplines from both areas, granting a Bachelor of Fine Arts degree.

Mr. Shepard, the founder and first director of the division, joined the Medical Research Department in 1937, when it was under the joint leadership of Dr. Doan and Dr. Bruce K. Wiseman. After several years of training as a laboratory assistant, research assistant and free lance artist he was appointed as full-time artist for the department filling the vacancy left by Mrs. Florence Melvin Coe.

From 1948 to 1951, headquarters for the new division was Room 100, Kinsman Hall. In May, 1951, the new University Hospital was dedicated and Room 396 was the new office and studio for Medical Illustration. There was also a temporary storage room on 5 Center and a borrowed X-ray processing room in the Emergency area used as a photography lab.

Events moved rapidly from 1951 to 1960. Two artists, one photographer and one technician were added to the staff and a total of four students were being trained each year.

Space became a major problem, with the loss of the storage room and the X-ray photo lab. However, two overnight acquisitions of vacated labs near the office provided the division a new student room and photo lab. The services were now open to all departments in the Health Center and business was brisk.

The north wing of the hospital was completed in 1960 and the division moved into a pre-planned six room suite on the fourth floor with an additional room in the Surgery area. So, for the first time, Medical Illustration was operating under almost ideal conditions.

From 1960 to the time this was written, March, 1969, many changes were made in the Medical Illustration division. A branch office and photography lab was established at Children's Hospital with one artist and one photographer transferred to that location. Medical Illustration became a division of the School of Allied Medical Professions and many new responsibilities were added to the division's teaching staff. The staff

was increased to six artists, five photographers, two technicians and one secretary. Six students were enrolled in the teaching program.

Mr. Shepard retired in September, 1968 as Assistant Professor and Director of the division. November 1, he was granted the title of Assistant Professor, Emeritus. Mr. James R. Kreutzfeld was appointed Acting Director and has been actively engaged in planning of the division's new quarters in the School of Allied Medical Professions future building.

The curriculum in Medical Illustration is comprised of basic University and Fine Arts requirements with specialization in related art and science courses. The student is trained to execute surgical, anatomical and pathological illustrations in a wide range of media. Students are also taught how to prepare charts, graphs, medical exhibits and other related art work. In addition, they receive training in medical photography. During the two years spent in training, the students work directly with the Medical Illustration staff, members of the College of Medicine faculty and the Hospital Administrators and staff. The B.S. degree in Medical Illustration is now granted by the College of Medicine, School of Allied Medical Professions.

The contributions of the Medical Illustration division to education are many and varied; preparation of art work and photographs for medical text books; journals, brochures, exhibits, including teaching slides, television material, motion pictures, animation, posters and three dimensional objects.

C. MEDICAL TECHNOLOGY
by
Adah Sutton, M.S.

Dr. Harry L. Reinhart, then Associate Director of Laboratories at University Hospital, began training laboratory technicians in the early 1930's.

In 1945, the College of Arts and Sciences approved the degree, B.S. in Medical Technology, for which the senior year consisted of rotation through the clinical laboratories of University Hospital. As the program developed, more lecture sessions were added, then some formal laboratory classes in a student laboratory.

Marie Gilstrap, M.S., M.T. (ASCP), was hired as the first Assistant Director of the Program in 1958.

In 1959, Dr. Colin R. Macpherson became Director; Adah R. Sutton, M.S., M.T. (ASCP), became Assistant Director. During the next several years, more definite science prerequisites were established and two student laboratories were opened in the North Wing of the third floor of University Hospital. The Pathology (Medical Technology) courses were incorporated in five consecutive University quarters with the first four quarters spent in the student laboratories and the fifth spent in supervised practice in the clinical laboratories of University Hospital.

Dr. Macpherson had primary responsibility for the instruction in clinical microbiology and immunohematology; Dr. Thomas D. Stevenson, for hematology and urinalysis; Dr. H. D. Gruemer,

for clinical chemistry; and Dr. C. Michael Thorne, for clinical pathology. Laboratory instructors were the medical technologist supervisors of the clinical laboratories.

When the School of Allied Medical Services was established in 1966, the junior and senior years of the Medical Technology curriculum were moved from the College of Arts and Sciences to the new School. The pathologists involved with teaching medical technology students were given cross-appointments in the School. Additional medical technologists were added as full-time faculty although supervising technologists from the clinical laboratories are still active in teaching.

The purchase of an Instrumentor and an Autoanalyzer have increased the potential for more instruction in electronics, instrumentation and automation.

The goals of the Medical Technology division are to give the student the opportunity for as wide a cultural background as is possible while still providing a good basic science foundation for the clinical professional courses. In the Pathology and Medical Technology courses, the emphasis is on theory and broad concepts which will allow the graduate to keep pace with the rapidly-developing field of laboratory medicine.

D. OCCUPATIONAL THERAPY
by
Barbara Locher, O.T.R., M.P.S.

Professional education for occupational therapy began at The Ohio State University in 1942 under the direction of Miss Wanda Misbach. An advisory committee representing major subject matter needed in the curriculum included Dean Doan of the College of Medicine, Dean Klein of the College of Education and representatives from major curriculum content areas as Education, Fine Arts, Industrial Arts, Nursing and Psychology.

The curriculum was established as a department in the College of Education by mutual agreement of the two deans on the basis of inadequate clinical facilities of the College of Medicine. In 1965, it was transferred intact to the College of Medicine to exist until the School of which it was to become a division was formed.

In addition to these administrative changes, the division has an interesting history of physical relocations:

1. 1942-1946: It ~~began~~² "on the holy threshold" in Arps Hall. Dr. Holy, Director of the Bureau of Education Research, College of Education, provided a bookcase, desk and chairs and the curriculum began in the corridor of Arps Hall outside of Dr. Holy's office.
2. 1946-1952: It shared a big office in a temporary war emergency building (Annex C) on Twelfth Avenue until that building was demolished in preparation for the

building of a women's dormitory.

3. 1952-1964: It moved into several rooms of University Hospital which were designed as social service interview rooms.
4. 1964-1966: Shortly after patients were removed from the second floor west wing of the psychiatric section of University Hospitals (Upham Hall), the curriculum was moved there for several years.
5. 1966 to date: The curriculum was moved to the most historic building in the medical center complex - Starling Loving Hall, where it exists today on the second floor, B wing.

The Occupational Therapy division has had the privilege of contributing to four significant educational publications of the American Occupational Therapy Association:

1. The curriculum guide in 1951.
2. The reassessment of educational practice as related to changes in federal legislation, the field of rehabilitation, 1955.
3. Changing concepts and practices in psychiatric occupational therapy, 1956.
4. The Five-Year Curriculum Study, 1958-1963.

The curriculum housed within the division is unique in that it contains a progressive clinical component throughout its three years. This feature is possible through the high degree of cooperation of clinical services of occupational therapy in

the community as well as in the University's medical center. The contribution of clinical learning experience prior to full-time assignment for a period of months in selected centers is indeed a contribution to the entire field of professional education for occupational therapy. It is a step in the direction of upgrading the affiliation part of an occupational therapy curriculum to the level of a true internship patterned after the medical model.

Materials and equipment for instruction in evaluative and treatment procedures are available in the teaching laboratory at our new quarters in Starling Loving. We have testing materials such as the Ayres battery, the Frostig, the Gesell developmental scales and the Fidler battery. In addition, some of our major equipment, at present, includes a hydraulic workbench, a demonstration wheelchair, a Georgia Warm Springs feeder kit, and some English products for use in physical restoration as the Oliver machine for lower extremity and a special loom and pronator-supinator machine for upper extremity rehabilitation.

Martha Jackson Lilley's association with the curriculum as its second director was a most significant event! She did a great deal in the area of curriculum development as well as professional development at the national level as well as in Ohio. Miss Jackson moved the curriculum in the direction of quality by a system of careful selection of quality clinical affiliation centers wherever they existed in this country or

abroad. As advisor to the Ohio Occupational Therapy Association, she influenced this group to become the first in the nation to organize on a district system. Her contributions to the American Occupational Therapy Association were in the development of its first curriculum guide and as first chairman of its Graduate Committee.

In addition to Wanda Misbach Egerton and Martha Jackson Lilley, there are many former faculty members who have contributed much to the growth and development of this curriculum. No history would be complete without mention of the following:

Allen, Anne Stevens
Heider, Ruth
Ireland, Karl
Jacobson, Elaine
Klein, Marguerite McDonald
Krause, Evelyn
Main, Dorothy Whitford
Munzeheimer, Eva Otto

Prendergast, Nancy Drennan
Santilli, Rosalyn Crawford
Schafer, Margaret Mathiott
Schwagmeyer, Mildred
Schwehm, Xylpha
Scritchfield, Maryelle Dodds
Sowers, Ann Crawford

E. PHYSICAL THERAPY
BY
Gladys G. Woods, M.S.

The Physical Therapy curriculum was first implemented here at The Ohio State University in 1955. This was initiated by Ralph E. Worden, M.D., and Gladys G. Woods, Physical Therapist. There were two types of curricula, one a four year program for regular university students, the other a one year program (Certificate) for those students who already had a degree.

The Physical Therapy Programs were in the College of Arts and Sciences until 1966 at which time they were transferred to

the College of Medicine, School of Allied Medical Services.

The professional education was administered and budgeted in the Physical Medicine Department, University Hospital until 1962, at which time the Program was geographically relocated in the new building, The Ohio Rehabilitation Center (now named Dodd Hall).

Since 1966 the Program has been totally administered and financed in the School of Allied Medical Professions. All laboratory classes requiring equipment usage are conducted in the patient service area of the Physical Medicine Department. All pre-clinical patient oriented work is carried out in the patient service areas of Dodd Hall, University Hospital, Riverside, Mt. Carmel, and Children's Hospitals.

Each student upon graduation serves a one month training period of professional work in each of the following: General hospital, rehabilitation center, and children's hospital. There are 32 such facilities located in Ohio and neighboring states which are affiliated with our Program.

The curriculum is a health-related educational and training program designed to give the student a well rounded general education as well as the basic courses in both biological and physical sciences related to the specific professional work. Upon graduation the students are well educated, technically skilled, and socially sensitive.

The Physical Therapist assists in the diagnosis, treatment, and evaluation of various patient disabilities. His

major goals are: alleviating pain, correcting or reducing deformity, and improving patient health status. A Physical Therapist also has basic background academic preparation for assuming indirect patient service in the health field through research, education, and consultive types of work.

In the past eight years a piece or two of equipment has been purchased each year for teaching purposes, such as: Diathermy, Ultra Violet, Electrical Diagnostic Testing, Ultra Sound (machines), etc.

For the laboratory classes of technique courses (45-50 students) the scheduling and training has relied almost entirely upon equipment usage of the Physical Medicine Service Departments.

Student enrollment: The program graduated its first group of students in 1956. Since that time, 395 have been graduated. (318 Degree, 77 Certificate; 306 women and 89 men).

The faculty has increased from a staff of two to the present number of six, all of whom hold Master's degrees.

In the early stages, all post-degree clinical affiliations for students was arranged in Columbus. At the present time, we use 32 other hospitals and rehabilitation centers, located in Ohio and neighboring states. Each year we have conducted an educational workshop with all the respective departmental supervisors attending. This permits an exchange of ideas, a form of continuing professional education, and a feedback for curriculum updating and revision.

The faculty has been active in promoting developing programs such as Mental Retardation and Ohio Regional Medical Programs.

F. HOSPITAL AND HEALTH SERVICES ADMINISTRATION
by
Donald Dunn, M.H.A.

The division of Hospital and Health Services Administration of the School of Allied Medical Professions was created in 1968 under the direction of Professor Bernard Lachner. The graduate program is a joint effort of the College of Medicine and the College of Administrative Sciences; students earn the Master of Business Administration in Hospital Administration upon successful conclusion of the 21 month curriculum. The Master's degree program is designed to prepare men and women for responsible administrative positions in hospitals, long term facilities, governmental and voluntary health agencies, organizations involved in planning for health care delivery and voluntary and governmental health care financing agencies.

G. NURSE ANESTHESIA
by
Thelma L. Lang

The request to open a school for nurse anesthetists was initiated by Dr. Maurice Lenahan in January, 1944. Two students were enrolled in the program - May Aument and Francis Schull. The length of the program was one year. Eight credit hours was given by The Ohio State University. The department was responsible for inhalation therapy in which the nurse anesthetists also received training. Students were accepted every six months. The school was approved effective on the date requested by Dr. Lenahan.

The school continued under the direction of Dr. Lenahan, Dr. Jay Jacoby and the present chairman, Dr. William Hamelberg. In 1963, the Anesthesia Department appointed Miss Thelma L. Lang as the Director of Nurse Anesthesia.

The number of students has fluctuated from two to the present which is at an all time high of 21.

In July, 1966, the University Hospital School of Nurse Anesthesia became a member of the School of Allied Health Professions under the College of Medicine with Miss Thelma L. Lang as the Director and William Hamelberg, M.D. as the Chairman of the Medical Advisory committee.

Since the entrance into this College we have accepted male nurses and registered nurses with associate degrees.

A certificate is given by the University and upon completion of the course the students are eligible to take the qualifying examination of the American Association of Nurse Anesthetists.

VI. BIOGRAPHIES

Administration

Atwell, Robert J.

(See Dept. of Medicine)

Schoen, Kathryn T.

B.S., Capital U. 1957; M.A., O.S.U. 1962; Ph.D., O.S.U. 1965;
Asst. Prof. 1967-1969; Assoc. Prof. 1969 - ; Asst. to Dir.,
School of Allied Medical Prof., 1967-1968; Asst. Dir., SAMP
1968 -

Slonaker, Larry L.

B.S., O.S.U. 1965; M.A., O.S.U. 1969; Actg. Secry. 1969 -

Medical Dietetics

Anderson, Linnea

B.S., Framingham State 1938; M.P.H., U. of Michigan 1945;
Assoc. Prof. 1968 -

Burke, Linda

B.S., O.S.U. 1964; M.S., O.S.U. 1968; Asst. Prof. 1969 -

Casbergue, John P.

B.S., Florida State U. 1955; M.A., Michigan State U. 1961;
Asst. Prof. 1963; Assoc. Prof. 1968 -

Lewis, Martha N.

B.S., O.S.U. 1923; M.S., State U. of Iowa 1924; Asst. Prof.
1941-1953; Assoc. Prof. 1953-1966; Professor 1966 -

Marteney, Annabelle

B.S.H.E., West Virginia U. 1958; M.S., U. of Iowa 1963;
Asst. Prof. 1965 -

McConkey, Rosemary

B.S., U. of Western Ontario 1955; M.S., O.S.U. 1962;
Instr. 1962; Asst. Prof. 1964-1969

Scobie, Kathleen

B.S., O.S.U. 1933; M.S., Simmons Coll. & Harvard School of
Public Health 1945; Asst. Prof. 1962-1969; Assoc. Prof. 1969-

Seubert, Sally

B.S., Mount Mercy College 1958; M.S., O.S.U. 1963;
Asst. Prof. 1967 -

Sharp, Joan

B.S., U. of Nebraska 1952; M.S., O.S.U. 1959; Asst. Prof.
1962 -

Wenberg, Burness

B.S., U. of North Dakota 1949; M.S., O.S.U. 1957; Asst.
Prof. 1961-1968; Assoc. Prof. 1969 -

Part-Time Faculty for Medical Dietetics:

Allred, John

B.S., Oklahoma State U. 1955; M.S., Washington State U. 1957;
Ph.D., U. of California 1962; Assoc. Prof. 1969 -

Behm, Valerie

B.S., Iowa State U. 1964; Instr. 1967 -

Griesen, James

B.S., O.S.U. 1963; M.B.A., O.S.U. 1968; Asst. Prof. 1969 -

Dillow, Geraldine

B.S. O.S.U. 1926; Instr. 1966 -

Karp, Nancy

B.S. State College, Framingham 1959; M.S., O.S.U. 1968;
Instr. 1969 -

Kram, Kathryn

B.S., College of St. Teresa 1962; M.P.H. U. of Minn. 1966;
Instr. 1969 -

Kunkel, Nancy

B.S., U. of Houston 1957; M.S., State U. of Iowa 1959;
M.P.H. Univ. of California 1965; Asst. Prof. 1968 -

Lawrence, Barbara

B.S., Cornell U. 1966; M.S., Case Western Reserve U. 1968;
Instr. 1968 -

Instructors

Gordon, Evelyn

B.S., O.S.U. Home Economics; M.S., O.S.U. Admin. Dietetics;
Instructor 1968 -

Martin, Barbara

B.S., Framingham State College 1958; Instructor 1967 -

Medical Illustration

Kreutzfeld, James R.

B.F.A., O.S.U. 1955; Instr. 1966 - ; Acting Director 1968 -

Ollila, William F.

B.F.A., O.S.U. 1960; Instr. 1966 -

Prosser, Mitzi A.

B.F.A. , O.S.U. 1960; Instr. 1966 -

Shepard, William Frederick

Asst. Prof. 1966; Asst. Prof., Emeritus, 1968

Medical Technology

Earp, Rachel R.

A.B., Wilson C. 1938; Instr. 1957; Asst. Prof. 1968 -

Frajola, Walter

(See Dept. of Pathology)

Gilstrap, Marie

B.S., C. of Puget Sound 1940; M.A., Haverford C. 1953;
M.S., O.S.U. 1958; Instr. Pathology 1958-1959; Asst. Dir.
Med. Tech. 1958-1959

Grannis, George F.

(See Dept. of Pathology)

Greider, Marie

(See Dept. of Pathology)

Gruemer, Hanns-Dieter

(See Dept. of Pathology)

Lott, John R.

(See Dept. of Pathology)

Macpherson, Colin R.

(See Dept. of Pathology)

Murphy, Samuel G.

(See Dept. of Pathology)

Reinhart, Harry L.

(See Dept. of Pathology)

Shinowara, George	(See Dept. of Pathology)
Smetters, George W.	(See Dept. of Pathology)
Stevenson, Thomas D.	(See Dept. of Pathology)
Sutton, Adah R.	
B.S., Ohio U. 1944; M.S., O.S.U. 1952; Instr. 1954; Asst. Prof. 1967 - ; Asst. Dir. Med. Tech. 1960 -	
Thorne, C. Michael	(See Dept. of Pathology)
Van Soestbergen, A.A.	(See Dept. of Pathology)

Instructors

Anderson, Carolyn, B.S., 1967-1968

Bitzel, Donna, B.S., 1968 -

Bowman, Judith, B.S., 1968-1969

Brunner, Marjorie, B.S., M.S., 1969 -

Christiansen, Mara J., B.S., 1958-1965

Evec, Linda, B.S., M.S., 1968 -

Gregory, Kay, B.S., M.S., 1968 -

Kimbleton, Elisabeth, B.S., M.S., 1964-1966

Leister, Gretchen, B.S., 1967-1968

Longberry, Joan, B.S., 1968-1969

Marietti, Charlene, B.S., M.S., 1968-1969

Martin, Gary, B.S., 1968-1969

Thomas, Gladys, B.S., M.S., 1965-1966

Torbet, Virginia, B.S., M.S., 1945 -

Volk, Sharon, B.S., 1966-1967

Watkins, Carol, B.S., 1955-1966

Wilson, Peggy D., B.A., M.S., 1966-

Occupational Therapy

Adamson, Margaret J.

B.A., U. of Iowa 1957; M.A., Western Michigan U. 1965;
Asst. Prof. 1969 -

Buckey, Carol Kay

B.S., O.S.U. 1960; M.A., New York U. 1967; Asst. Prof. 1967 -

Grant, Helen Kay

B.S., O.S.U. 1959; M.S., O.S.U. 1968; Instr. 1964-1968;
Asst. Prof. 1969 -

Heermans, Mary Frances

A.B., U. of Illinois 1937; M.S., U. Of Illinois 1941;
Certif. in O.T., U. of Southern California 1950; Assoc.
Prof. 1966-1969

Johnson, Janet Haas

B.S., O.S.U. 1961; M.S., O.S.U. 1969; Asst. Prof. 1969 -

Locher, Barbara

B.S., Milwaukee Downer 1942; Certif. in O.T. Milw. Downer
1943; M.P.S., U. of Colorado 1949; Assoc. Prof. 1951;
Prof. 1965 -

Roberts, Grace Irene

A.B., Bucknell U. 1930; Certif. in O.T. Philadelphia School
of O.T. 1938; Asst. Prof. 1955-

Ross, Marian Quinney

B.S., Wilberforce U. 1949; M.A., Columbia U. 1951; Certif.
in O.T., College of Physicians and Surgeons, Columbia U. 1957;
Instr. 1965; Asst. Prof. 1968 -

Snyder, Nancy Vesper

B.S., O.S.U. 1954; M.S., O.S.U. 1968; Instr. 1958; Asst.
Prof. 1969 -

Instructors

Caprio, John, B.S., 1967 -

Clingan, Mary Waynar, B.S., 1967 -

Czap, Lawrence, B.S., 1967 -

Davidson, Edythe Davis, B.S., 1968 -

Dixon, Patricia McNeel, B.S., 1968 -

Erhardt, Ruth Chenoweth, B.S., 1967 -
Gill, Vivian Stewart, B.S., 1967 -
Hartsook, Rosa Partlow, B.S., 1967 -
Heider, Ruth, B.S., 1968-68
Kobel, Janice, B.S., 1967-1969
Ruhlman, Patricia, B.S., 1968 -
Upp, Sylvia, B.S., 1967 -
Worley, James Scott, B.S., 1967 -

Physical Therapy

Woods, Gladys G., Director
B.S., U. of Okla. 1934; M.A., Okla. State U. 1938; M.S.,
Stanford 1951; Asst. Prof. 1956; Assoc. Prof. 1968 -
Burnett, Carolyn N.
B.S., Iowa State U. 1954; M.S., U. of Illinois 1960;
Instr. 1964; Asst. Prof. 1966; Assoc. Prof. 1969 -
Chase, Marian F.
B.S., O.S.U. 1952; M.A., O.S.U. 1961; Asst. Prof. 1968 -
(Mental Retardation)
Downer, Ann H.
B.S., Syracuse U. 1946; M.S., Stanford U. 1952; Asst. Prof.
1968 -

Instructors

Becker, Marjorie, B.S., 1960, 1962
Chidley, John, B.S., M.S., 1966 -
Daugherty, William, B.S., M.S., 1958-1964
Dubiel, Norman, B.S., 1964-64
Copeland, Jane, B.S., 1965-1967
Kisner, Carolyn, M.S., 1968 -
Martin, Frank, B.S., 1962-1963

Masters, Nancy, B.S., 1964-1965
McKelvey, Margaret, B.S., 1967-1968
Mitchell, James, B.S., M.A., 1959-1965
Perry, Catharine, B.S., M.A., 1963-1966
Pierson, Frank, B.S., 1966 -
Pogue, Thomas, B.S., M.A., 1960-1962
Strohm, Bernard, B.S., 1956-1959
Wyker, Zella, B.S., 1958-1968

Hospital and Health Services Administration

Atwell, Robert J. (See Dept. of Medicine)
Dunn, Donald W.
 A.B., U. of Colorado, 1950; M.H.A., U. of Minn. 1955;
 Assoc. Prof. and Director, 1969 -
Evans, Lloyd (See Dept. of Medicine)
Keller, Martin D. (See Dept. of Prev. Med.)
Lachner, Bernard J.
 B.S., Creighton U. 1950; M.B.A., U. of Chicago 1952;
 Assoc. Admin. 1958-1962; Asst. Dean, College of Medicine,
 1961 - ; Administrator 1962 - ; Professor, 1967 -
Meiling, Richard (See Dept. of Ob-Gyn)
Shillito, Frederick (See Dept. of Prev. Med.)
Instructors
Bergman, John, B.A., M.H.A., 1968 -
Butts, Frederick, B.A., M.B.A., 1968 -
McCool, Barbara, B.S., M.H.A., 1969 -
Vitello, Robert, B.S., M.H.A.

Nurse Anesthesia

Lang, Thelma, Director

R.N., Grant Hospital School of Nursing, 1930; Director 1966 -

Best, James L. (See Dept. of Anesthesiology)

Hamelberg, William (See Dept. of Anesthesiology)

LeVere, Robert W. (See Dept. of Anesthesiology)

VII. GRADUATES

MEDICAL DIETETICS DIVISION

1964

Bayer, Jacqueline Louise
Cain, Mary Beth
Emley, Sharon (Hock)
Henderson, Barbara Lucile
Jay, Marilyn Gayle
King, Barbara Lee
McBride, Catherine Ellen
McMahon, Linda Grace
Ross, Martha Isabelle

1965

Bowe, Mary Patricia
Cooper, Julia Elizabeth
Gibboney, Mary Ann
Grady, Patricia Marie
Linebaugh, Martha Julane
Rose, Donna Parrot
Siebenaler, Janice Elizabeth

1966

Blashfield, Linda (Crisler)
Boles, Barbara
Eltzroth, Mary K. (Nichols)
Feeman, Judith (Whitney)
Hafer, Mary Alice (Brown)
Livengood, Judith
Phillips, Marilyn Kay (Warner)
Reicosky, Sue (Davis)
Robson, Nancy
White, Jeanette

1967

Amster, Sheila Clare
DeFrancisco, Linda Louise
Engel, Barbara Michele
Eschliman, Linda Lou
Frye, Sharon Elaine
Grady, Rose Ann
Jenkins, Robert Michael
LaRue, Jacqueline Faith
Mackin, Joanne Louise
Michaelson, Stephanie Carol
Miller, Caroline Louise
Uhl, Suzanne
Wildermuth, Marsha Ellen

1968

Chodd, Beverly Jay
Coble, Anne Elizabeth
Dickerson, Mary Ellen
Kander, Nancy Hermene
Maynard, Shirley Anne
Moavenzadeh, Farah Riz
Ramerman, Linda Claire
Riley, Pamela Jeanne

1969

Berner, Barbara Ann
Griffiths, Gretchen Ann
Hendricks, Anna Christine
Mallett, Susanne Marie
McCutcheon, Tia Laureen
Rampey, Cheryl Lynne
Reese, Sandra Lee
Schneider, Susan Jo
Sedlock, Karen Sue

OCCUPATIONAL THERAPY DIVISION

1959

Avalos, Elizabeth Riley
Ball, Carlotta Brighman
Baylor, Barbara
Bernstein, Deborah Brog
Chism, Margaret Evans
Grant, Helen Kay
Jones, Juanita Turney
Laage, Sue Franklin
Larson, Nancy McCurdy
Lowe, Lorraine Grimes
Pelleriti, Barbara Dawson
Plahs, Pat Farrell
Quinn, Esther Jean Evans
Rhodes, Ruby
Ryan, Marilyn Cameron
Stewart, Barbara Uhl
Tenpenny, Raymond
Yurick, Anne Digna

1960

Buckey, Carol Kay
Cohon, Marilyn Bez
Doyle, Patricia Toms
Goldrosen, Jean Rehmar
Katzman, Roberta Brown
Kirschner, Yolanda Negin
Moody, Karen Keating
Neher, Marsha
Robarge, Patricia Kipp
Sadovsky, Karen Kemper
Santilli, Rozalyn Crawford
Stewart, David
Vinson, Pat Kidner
Wade, Ann Starnes
Weakley, Dorothy
Yee, Lotus Chan

1961

Benzing, Penny Schettler
Bradish, Suzanne Allen
Brody, Jill Varney Dudley
Harper, Carol Ann Weatherby
Hatch, Marilyn Wagner
Hicks, Patricia Richardson
Jessie, Donna Rood
Johnson, Janet Haas

1961 (continued)

Kendall, Effie Garrett
Manuel, Evelyn
Osswald, Laura Johnson
Ross, Carol Heuman
Rudy, Margaret
Snyder, Jacquelin Handler
Yonas, Jane Pappurt

1962

Hartsook, Rosa Partlow
Kuntz, Arlene Frantz
Mullin, Elaine Fink
Petite, Jeannette Alessio
Sanadh, Shanti James
Watkins, Caroline Josse
Worley, James Scott

1963

Babcock, Patricia
Bainbridge, Bonnie Jo
Beckett, Thea Jane Kerr
Boone, Mary LeNien Blank
Clingan, Mary Lou Waynar
Cottrell, Susan Pope
Curran, Jean Anderson
Gill, Kay Tenke
Kelly, Carol Kinker
Lind, Nellie Lee Davis
Smallsread, Eileen Schillinger
Stimmel, Ann Heinlein
Suliteanu, Marlene Bluestone
White, Polly Willaman

1964

Baumoel, Sandra Stone
Dias, Bettie Jean
Fullerton, June Johnson
Galvin, Barrie Ganch
Hamm, Judith
Hawkins, Phyllis
Heider, Ruth
Howenstine, Virginia
Lake, Susan
Landau, Elaine Finer
Nelson, Margaret

OCCUPATIONAL THERAPY DIVISION

1964 (continued)

Ober, Phyllis Ann
Peterman, Rosalie
Roehrs, Judith
Ruhlman, Patricia
Shepherd, Sheryl Freckman
Upp, Sylvia
Van Atta, Patricia

1965

Baird, Inga Skromme
Brooke, Susan
Bubser, Rita Yaxley
Donehey, Sharon Walsh
Dussault, Marjorie
Ferraro, Lynne
Fisher, Suzanne Predmore
Funaro, Judith Conover
Gill, Alice Ann
Graham, Mary Lou
Keyser, Ellen
Lauf, Suzanna
Maddox, Virginia Wilson
McDaniel, Inez
Moore, Barbara DeSanti
Newcomer, Elizabeth
Peat, Marie Ann Clymer
Robinson, Mary Martha Moore
Wetzel, Gail
Williams, Jacquelyn
Winscott, Rebecca Jane Davidson
Wooten, Maureen Roach

1966

Cosentino, Janet Claus
Ewing, Margaret Simington
Franz, Kathy
Harmon, Lois
Hilliker, JoLinda
Kohut, Dorothy Honsa
Kyser, Karen
Lewis, Diane
Loschert, Janice Mote
McCreary, Carolyn Bailey
McLean, Mary Tracy
Menks, Ferol Gurney

1966 (continued)

Montgomery, Jerri Lee
Powell, Nancy Jane
Schmidt, Adeline
Shoop, Mary Ann
Tatham, Martha Geiser
Wooley, Helen Rynearson

1967

Bendel, Laura Mateyka
Burton, Brenda
Deming, Lynn
Gallagher, Nancy O'Shanick
Handler, Shereen
Hoerth, Loretta
Homlar, Barbara Wallace
Kindig, Karole
Leonard, Lois Leonard
Lewis, Noelle
Mason, Kay Luke
Meeks, Sandra
Mohaupt, Camille Lembo
Pletcher, Mary Jane Hart
Sandmann, Martha
Schwartz, Betty
Snyder, Eileen Aufdenberg
Straub, Carol Mitchell
Tupps, Ronald
Young, Martha

1968

Allerding, Julie
Ball, Beth Deniston
Barnett, Sandra
Bean, Patricia
Beatty, Mary
Cemashko, Barbara
Donnelly, Therese
Garbesi, Mary
Guzman, Anita Fossie
Klein, Eloise
Kroger, Mary
Lasko, Carol Mezzacappa
McKinney, Sally Mohaupt
Megown, Kathleen
Miller, Barbara

OCCUPATIONAL THERAPY DIVISION

1968 (continued)

Moline, Elayne
Nigh, Mary Lou
Oetting, Nancy
Sayre, Jane
Schafer, Joan
Schottler, Sharon Mahoney
Schricker, Ferol
Scullins, Suzanne Chase
Segall, Hyla Rubenstein
Sherer, Ronda
Stancel, Jeanne Stull
Strickling, Marilyn Groves
Weil, Carole Lee

MEDICAL ILLUSTRATION

1959

Gloeckner, Sara L.
Meyerowitz, Joel
Nelson, JoAnne Hetzner

1960

Borrer, Jack R.
Ollila, William F.
Prosser, Mitzi A.

1961

Jaffe, Paula F. Grant
Hight, Glenda Newman

1962

LaMonica, Sandra Faysash
Woike, Carol Mussetter

1965

Bitans, Marita
Ervin, Ronald
Etter, Beverly Kessler

1966

Dawson, Mary

1967

Hotaling, Carol
Sally, Nancy Jo Watkins
Wiessinger, John R.

1968

Jenks, Pricilla
Lindsay, Dean
McFarland, Eleanor
Schadt, Nancy L.

MEDICAL TECHNOLOGY

1959

Bentley, Felicia Gbur
Bowsher, Kay R.
Dela Cruz, Juan Tenorio
Elliot, Marilyn Harris
Geiser, Charlotte Bowen
Gressle, Charles William
Horton, Midge Marris
Johns, Ruth Price
McDevitt, Ziska Pappas
Palkuti, Harlene Stapf
Smetters, Hetty Hewes
Spriopoulos, James J.
Spring, Agnes Sirak
Wagner, Linda Grace

1960

Aronoff, Linda Janet
Blumenschine, Kathleen Conner
Brunell, Barbara Ten Raa
Clements, Marilyn Mallery
Deamer, Jane Traxler
Doster, Mary McDowell
Finley, Betty Jean
Friberg, Marlene Cooper
Hagen, Nancy Davis
Heisey, Julia Pearce
Herring, Patricia Spetka
Krumholtz, Gail Masony
Malloy, Patricia Fahey
Marshall, Patricia Henry
McMillan, Janice Porter
Mercier, Joan Evon

MEDICAL TECHNOLOGY

1960 (Continued)

Oberst, Carol L.
Paxton, Aline Telfair
Petteys, Dolora Zinsmeister
Schneider, Muriel Rossow
Sekston, Geraldine Louise
Serin, Helen Marie
Woshler, Marilyn Hartz

1961

Bellew, Marilyn Sheridan
Campbell, Margaret Pees
Caren, Linda Davis
Cohen, Sandra Levy
DeGraff, Elizabeth Frey
Fanning, Mary Floyd
Farrar, Gwendolyn A.
Fergus, Carol Renner
Franks, Evelyn Mayes
Hackett, Joseph L.
Lewis, Carol Wack
Purvis, Martha Young
Ritchie, Helen Moore
Smith, Constance Davis
Starinchak, Frances Kockinski
Vishney, Lois Preis
Wiese, Barbara Kiraly
Worthington, Julia Higgins

1962

Birzulis, Ilze
Bowles, Marilyn Erlenbusch
Dickey, Sandra Jeanne
Diggs, Charlene Lewis
Fahy, Nancy Ann
Freytag, Jane Hover
North, Judith Mehrling
Gaiser, Georgia Harshman
Griffith, Phyllis Powell
Gruner, Lulu Grace
Hainen, Carol Anderson
Keefer, Mary Sherlene
Martin, Susan Glick
Moghadam, Giliard
Payne, Patricia A.
Schnetzer, Ursula Marie
Shifman, Nancy Karlin
Snyder, Ann Riddell
Waters, Patricia McCarrick

1963

Blue, Sharon Gross
Clark, Dorothy Radik
Coan, Chary Gow
Cramer, Nancy Lee
Gleasant, Mary Jones
Haynes, Carolyn Meier
Israelson, Marleen Reys
King, Carol Warner
Knight, Camille Heitchue
Ricker, Sandra Tinnermann
Rutz, Virginia Staman
Scarr, Earl Allen
Steele, Patricia White
Yosowitz, Vivian Ozan

1964

Birbeck, Gayle Helen
Brockbrader, Dorothy
Carlson, Jolee A.
Iberken, Emily M.
Dimwiddie, Mary Constantini
Ensley, Cynthia Ream
Evec, Linda Johnson
Fields, Kathie Mowrer
Flatt, Jane Hardesty
Frahm, Kathie E.
Glover, Dianna June
Gregory, Kay Ryan
Grodach, Peggy Harris
Kline, Margaret Ruth
Kohan, Marie D.
Levy, Joyce Frances
Lineback, Janet Ann
Longberry, Joan Tekaucic
Miller, Trudy Lay
Morris, Rebecca Rainier
Newell, Wanda Mae
Taylor, Sandra Fowler
Thomas, Jacqueline Philpto
Weinbren, Joyce

1965

Becker, Susan Gail
Bogart, Mary Litten
Bouic, Phyllis Loschky
Burchfield, Karen Shelton
Butcher, Letty Lytton
Cost, Karen Dreier

MEDICAL TECHNOLOGY

1965 (continued)

Exlins, Ellen
Frankenfield, Cheryl L.
Goodman, Ann Riley
Hildreth, Paula Leatherman
Hirt, Ina Duncan
Jones, Clarice Jeanne
Kleinman, Martha Lois
Kraft, Rita Lawyer
Lackey, Jane Louise
Leczo, Carol Petras
LeFlore, Alma Gayle
Lief, Natalie Riddle
Mathena, Ethel Schultz
Merritt, Leora P.
Nietz, Bonnie Fryer
Novak, Glenda Ilene
Osgood, Barbara Stevens
Schultz, Barbara Clemon
Schultz, Bonnie Lynn
Scott, Catherine Riley
Sherman, Mary Martin
Trissler, Shirley A.
Unger, Phyllis J.
Unger, Phyllis Meyer
Vincent, Sharon Rettig
Volk, Sharon Lewis
Warshafsky, Janice Lee
Wilson, Hallie Kersey

1966

Allton, Paula Smith
Anderson, Carolyn Cooper
Barrett, Sandra Ann
Bauer, Barbara Laedlien
Bauer, Marry Motts
Bindbeutel, Lona J.
Bywater, Diane Bourquin
Christley, Judith Johnson
Frazier, Alice Fuller
Griffin, Mary Ellen
Harris, Marva Michele
Ibaugh, Mary Susan
Justice, Carolee
King, Sharon Mamrick
Kline, Barbara Ann
Lashutka, Nancy Kuyper
Najjar, Sharon McHugh

1965 (continued)

Nisonger, Patricia Lee
Phillips, Sandra Romshe
Reiffel, Arlynn D.
Reynolds, Jacqueline Purcell
Schultz, Nancy Louise
Smith, Barbara Hines
Swentwell, Joanne Forester
Tierney, Thomas Gerard
Topson, Anita Marie
Tsutomi, Anne H.
Ullner, Carol Morton
Weinberg, Bernice Safier
Wenber, Edwards Lynn
Wolf, Sandra Sue
Wright, Diana Rae
Zimmerman, Sharon M.

1967

Amweg, Carole Sue
Barber, Kathleen Allyn
Barr, Karen Phillips
Bowman, Judith Oettinger
Bookman, Lowell King
Buck, Nancy Louise
Cumming, Mary House
Fetzek, Joyce Mallery
Gossman, Jean Elizabeth
Groleau, Patricia Ann
Hartzell, Rita MacFarlan
Heichel, Mary Louise
Howiler, Ann Arlene
James, Karen Kanke
Johnson, Judith Anne
Johnson, Thomas Arthur
Lawrence, Melvin Harvey
Lighthiser, Ann Common
McKown, Linda Kay
Marshall, Katherine Russo
Parlett, Diane Jean
Pever, Karen Sue
Reeme, Paula Jane
Rhodes, Erlene Mace
Schanz, Mary Catherine
Smith, Gretchen Skeaton
Spencer, Jennifer Garrett
Spoerl, Susan Carol
Stansbury, Virginia Lynn

MEDICAL TECHNOLOGY

1967 (Continued)

Stuber, Marjorie Irene
Walker, Shirley Jean
Wiseman, Susan Mazur

1968

Barbour, Jean Rintamaa
Basnik, Nancy Louise
Bieber, Janet
Bissell, Virginia Lee
Boyer, Janet Louise
Connelly, Patricia Ann
Hill, Marylou Helt
Hilton, Sandra Lee
Holzworth, Sandra Joyce
Huttenlocher, Jane Marie
Kilgore, Jerry Glenn
Lashley, David Wayne
McCleary, Connie Lee
Maxwell, Drinda Lee
Miles, Melinda Barnette
Mudrak, Mary Margaret Webb
Novak, Paul
Ogle, Linda Jo
Rader, Judith Ann
Raflo, Allyn Friedlander
Schnitzer, Paula Jean
Smith, Beverly Brown
Spitler, Joanne Rae
Suchy, Marjorie Ellen
Wilson, Janet Kay
Wolf, Sandra Sue
Wright, Diana Rae
Waltman, Judith Mitchell

NURSE ANESTHESIOLOGY

1967

Brocke, Nancy Lucki
Burkle, Mary Ellen
Jones, Alice Collier
Mader, Audrey Marilyn
Parker, Harriet T.
Petkelsi, Wawanna Brewer
Poole, Ruth
Yourell, Yolanda

NURSE ANESTHESIOLOGY

1968

Beck, Judith Gall
Byrley, Carol Ann
Byer, Sarah Lucinda
Chromik, Shirley Ann
Marshall, Jean Isabelle
Nogle, Betty Louise
Wells, Joyce Taylor

PHYSICAL THERAPY

1959

Carlisle, Robert
Dennison, Genevieve Rose
Evans, Dianne Wardewell
Gardner, Madelyn Hider
Gilbert, Walter
Gilles, Gloria Colananne
Hall, Linda,
Hartley, Joann Kassell
Houston, Barbara Dowell
Kulick Jeanne Fay
Lyford, Phyllis
Raymond, Virginia Matson
Roehrs, Nancy Smaltz
Roberts, Susan Haas
Sawyer, Nancy Maxwell
Schiller, Susanne Hocker
Smith, Delbert
Summers, Mary Welch
Umbaugh, Marjorie Lee
Wagner, Howard

1960

Almone, Judy
Berger, Diane
Connelly, Dave
Davis, Adele Eisenberg
Davis, Marsha
Eastham, Jean Biesecker
Ferguson, Irma Auber
Glick, Janet
Hiltbrand, Nuralon Dohnanyi
Falor, Stanley
Gaiser, Judy
Greenwald, Neva

PHYSICAL THERAPY DIVISION

1960 (continued)

James, Doris Dowell
King, Katy Goodwin
Locke, Joyce Rector
McBroom, Gretchen Greiner
Masters, Nancy McDowell
Pfeiffer, Nancy Greenwald
Prouty, Marcia
Rhodes, Donna Hessler
Soderstrom, Patsy
Sokos, Frances
Tootle, Barbara Schwartz
Smith, Judith

1961

Adams, Nancy Brunsman
Bonnema, Janis Yelinek
Corbitt, Chester
Delamotte, William
Dunning, Herbert
Eshelman, Gunhild Nyberg
Goldburg, Erika Schick
Guth, Nancy Walker
Hauenstein, Donna
Hayden, June
Hill, Suzanne Murphy
Maloney, Dan
Nebergall, Patricia Smith
Pay, Nancy Saunders
Rupp, Tyron
Shumway, Gerald
Steffl, Robert
Stomberger, Evelyn Gottschalk
Stump, Larry
Wenger, Carol Humerickhouse
Young, Nancy

1962

Agnew, Frances Van Meter
Ayers, Kathy Campbell
Bordon, Richard
Bostic, Barbara
Boyle, Susan Batchelder B.
Clendenin, Georgeann Allard
Copeland, Jane Conyers
Copeland, Jack
Dougherty, Florence
Eberhardt, Carolyn

1962 (continued)

Fabrizio, Fred
Farr, Joan Carol
Frazier, Harvey
Haenick, Anieta
Hammond, Margaret Scott
Jaffe, Marcia Abrams
Kaplansky, Betty
Kennebrew, Aaron
Lukan, Mary Ann Mouser
McNeil, Patricia
Mangano, Joe
Mann, Barbara Betsch
Meister, Jan
Miller, Larry
Nethery, Joan
Pierce, Ann Stiles
Reese, Janice Cobb
Richardson, Charles
Russell, Sam
Shumaker, Sally
Silver, Mary Hybert
Sopko, Joyce
Steman, Judith
Stevens, Joyce Pieper
Sudduth, Ann Lewton
Todd, Nancy Hood

1963

Beegan, Kay Hartlage
Bickford, Mary Minshall
Blue, Marjorie Hart
Butler, William
Clendenin, Susan Sohner
Cook, Carol
Creager, Jean
Danaceau, Deborah Friedman
Dill, Bonnie
Douglas, Jeanette Moyes
Draper, Kay Evans
Evans, Floyd
Friend, Ruth
Harris, James
Homerick Stanley
Hilty, George
Jeffery, Nancy
Osborne, Patricia Langenderfer
Osborne, Dane
Mishler, Mary

PHYSICAL THERAPY DIVISION

1963 (continued)

Mitten, Robert
Phillips, Mary
Recob, Myron
Schneck, William
Stapf, Rhea
Timmerman, Patricia Ward
Tredway, Judith
Twyford, Nancy
Tyson, Patricia
Vogelgesang, Donald
Waylonis Leona
Weaver, Juanita
Weeder, Dorothy Grospitch
Westenberger, Beth
Zoll, Sarah

1964

Barry Barbara
Bauer, Linda
Beisner, Christine
Blum, Carol
Brunswick, Ann
Certo, Tony
Culbertson, Mary
Daugherty, William Jr.
Dinga, Patricia
Farkas, Carolyn
Firosz, Nancy Ebright
Foltz, Donald
Freshour, Peggy Taliak
Frye, Janet Biller
Golden, Jane
Grabill, Peggy Bogart
Harman, Diane Nichols
Hettrick, Jacqueline
Krasny, Rita
Krein, Carl
Liebfeld, Elaine Rosenberg
Ludwig, Judith
Maliska, Patricia Sutton
Morrow, James
Mueller, Nellie Close
Musser, William
Neff, Sandra Smith
O'Shea, Bonnie Drysdale
Rheinscheld, Marjorie
Rose, Virginia Rogers

1964 (Continued)

Seratan, Suzanne Arnold
Smith, Suzanne
Stone, Mary Lou Reul
Sustin, Amy Goldsmith
Sutphen, Julie
Swagler, Mary Lykken
Tootle, Donald
Trittschuh, John
Wiesenmayer, Barbara Shiflet

1965

Abel, Barbara
Baker, Regina
Bird, Julie
Cantor, Vicki Komito
Chester, Paulette
Chidley, Marjorie Gooding
Chidley, John
Dann, Shirley Hale
Dempster, Barbara
Dirks, Edward
Eldredge, Clifford
Ferrara, Paul
Fettner, Toby
Frankforther, Kay
Gillette, Alice
Grabill, Robert
Gray, Mary
Helvoigt, Mary Shutt
Homlar, John Richard
Hoover, Richard
Hull, Linda Liggitt
Katonak, Maria Puig
Kymer, Betty
Long, Brenda Hellekson
Lynch, Julie Hinton
McCallister, Joanne Lindsey
McGreevey, Janet
Morrow, LeAnn Hicks.
Muslof, Joan Gibson
Roberts, Patricia
Rohe, David
Ryder, Susan Blinn
Reynolds, Rebecca Black
Secrist, Janet
Thebald, Jane Cade
Tidd, Gretchen
Varga, Bonnie
Wood, Thomas

PHYSICAL THERAPY DIVISION

1966

Abromowitz, Sheila
Adkins, Gerald
Bercik, Joan
Blum, Sue
Bolhen, Barbara Wolf
Bryant, Jerry
Bonar, Rosalie Bissell
Bradshaw, Myrna
Campbell, Suzanne Schiff
Decker, Phyllis Keyes
Donart, Marilyn Saldin
Duska, Kenneth
Flack, Harley
Franks, Timothy
Gelhar, Russell
Graham, Robert
Holeski, Susan
Holliday, Phyllis
Humphrey, Carol Jones
Kaiser, Carol
Linge, Karen Van
Linhart, Carolyn
McKeon, Elizabeth King
Meadows, Robert
Mueller, Sharon Sullivan
Morton, Joan Brun
Niehardt, Joseph
Norton, Mary Lou
Pouly, Arlette
Pusateri, Donna
Ralston, Judith
Roeth, Barbara Clauss
Rosenberg, Harriet
Rosenthal, Roberta
Sealey, Sandra Dall
Smith, Barbara
Trostmiller, Teresa
Watkins, Joan
Welty, Ruth

1967

Alford, Roger
Allen, Lynn
Amstutz, Susan
Anderson, Sara Lowther
Black, Susan
Blank, Nancy
Browning, Judith Simonson

1967 (Continued)

Bush, Thomas
Buxtom, Constance
Cahn, Ronald
Castilow, Ann Lindow
Chamberlain, Judith
Cireddu, Sharon
Davis, Gloria Bartels
Dombek, Robert
Duerler, David
Eick, Mary Herron
Eick, William
Esper, Susan
Glick, Edith
Harvey, Melvin
Haupt, Jane
Jones, Marilyn Humpert
Kyle, William
Lamp, Sheryl
Lanphear, Margaret Lambert
Leimgruber, Renee
Lopuszynski, Amelia
Magg, Caron
Mehring, Heidi
Meristu, Ann Merike
Molnar, Marjorie Walter
Myers, Carolyn
Oliver, Marianne DiPaolo
Parker, Carol
Pashkow, Margaret Solomon
Payne, Sandra Bonham
Rhodes, Carol
Rockwell, Rebecca
Rosé, Frances Robertson
Russell, Brent
Scanlin, Timothy
Sweney, Carolyn Foster
Thomas, David
Tibbles, Richard
Tod, Joseph
Underwood, Susan Reed
Webber, Mayris Poloner
Wiley, Christine

PHYSICAL THERAPY DIVISION

1968

Bauer, Laraine Antoinette
Brooks, Julie
Cooper, Judy Kay
Corn, Carolyn Sue
Cromb, Katherine Murphy
Crowe, Brenda Baertsche
Dawley, Marsha Gale
Endres, Robert Lloyd
Fisher, Patricia Elaine
Gorczyca, Judith Ann
Griffiths, Marcia Louise
Grim, Nancy Copeland
Harbauer, Janet Eileen
Hemmer, Timothy Keith
Henderson, Mary Lou Brown
Hull, Katherine Ann
Katz, Diane Rebecca
Lautermilch, Katherine Langen
Mahoney, Patrick John
McCormick, Sarah Elizabeth
Myers, Elaine Ellen
Painter, Marcia Catherine
Parker, Lorraine Ordell
Rader, Martha Cardwell
Radike, Jennifer Cantrell
Rammler, Ann Sue
Ringenburg, Nancy Davis
Rice, Carol Ann
Rupel, Judith Lynn
Saurers, Linda June
Schlueter, Carolyn Roberta
Schwartz, Rose Ellen
Sell, Nancy Welsh
Shea, Joan Pollack
Smith, Mary
Spencer, Shirley Ann
Stafflino, Jean Lois
Stuimer, Marja Petronella
Sturm, Ellen Elizabeth
Tsarnas, Georgia J. Bahas
Violand, Richard Lawrence, Jr.
Wardlow, Linda Rose
Williams, Lynn Elaine